

ATCC

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CRL-1907

Word Search

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Cell Lines	
ATCC Number:	CRL-1907 order this item
Organism:	<i>Mus musculus</i> (B cell); <i>Mus musculus</i> (myeloma) (mouse (B cell)); mouse (myeloma))
Designation:	11E10
Depositors:	A.D. O'Brien
Strain:	BALB/c (B cell); BALB/c (myeloma)
Tissue:	B lymphocyte; hybridoma
Products:	immunoglobulin; monoclonal antibody; against Shiga like toxin II (SLT-II)
Morphology:	lymphoblast
Comments:	<p>Animals were immunized with a formalinized toxoid prepared from crude SLT-II produced by an E. coli K-12 strain lysogenized with the 933W toxin converting phage of enterohemorrhagic E. coli 933.</p> <p>Spleen cells were fused with Sp2/0-Ag14 myeloma cells.</p> <p>The antibody reacts with the A subunit of SLT-II and does not react with B subunit.</p> <p>The antibody can be used in SLT-II neutralization assays and in assays to detect SLT-II producing E. coli strains.</p> <p>It may also be used to differentiate SLT-II from SLT-I, SLT-IIv and Shiga toxin.</p> <p>The 11E10 antibody differs from that of 11F11 (ATCC CRL-1908) in that it can partially neutralize SLT-IIv.</p>
Growth Properties:	suspension
Isotype:	IgG1; kappa light chain
Subculturing:	Cultures can be maintained by addition or replacement of fresh medium. Start cultures at 1×10^5 cells/ml and maintain between 1×10^5 and 1×10^6 cells/ml.
Fluid Renewal:	Every 2 to 4 days
References:	RF11616: Perera LP et al. Isolation and characterization of monoclonal antibodies to Shiga-like toxin II of enterohemorrhagic Escherichia coli and use of the monoclonal antibodies in a colony enzyme-linked immunosorbent assay. J. Clin. Microbiol. 26: 2127-2131, 1988 PubMed: 89034712

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Propagation:	ATCC medium: RPMI 1640 medium, 90%; fetal bovine serum, 10%
BioSafety Level:	1
Shipped:	frozen
Price:	\$200
Revised :	Jan 07, 2000

Pricing Note:

All prices are in U.S. dollars and are for U.S. Profit & Foreign Institutions. Our domestic (U.S. and Canada) non-profit customer-pricing discount has also changed and is now a standard 20% discount off the list price of most cultures.

Cultures special ordered as test tubes, stabs or flasks, carry an additional laboratory fee of \$50.00 each. Minimum invoicing is \$45.00. Orders received for lesser amounts will be invoiced at the minimum. Prices are in U.S. dollars. Terms: Net 30 from date of invoice. NO COD orders or Letters of Credit accepted. ATCC Accepts VISA, MasterCard and American Express.

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CRL-1794

Word Search

Clear Search

For query options, please read the [search help](#).

Cell Lines	
ATCC Number:	CRL-1794 order this item
Organism:	<i>Mus musculus</i> (B cell); <i>Mus musculus</i> (myeloma) (mouse (B cell); mouse (myeloma))
Designation:	13C4
Depositors:	A.D. O'Brien
Strain:	BALB/c (B cell); BALB/c (myeloma)
Tissue:	B lymphocyte; hybridoma
Products:	immunoglobulin; monoclonal antibody; against shiga toxin and shiga like toxin I (SLTI)
Morphology:	lymphoblast
Comments:	<p>Animals were immunized with purified shiga-like toxin from E. coli H30.</p> <p>Spleen cells were fused with Sp2/0-Ag14 myeloma cells.</p> <p>The antibody reacts with the beta subunit of shiga toxin and SLTI and neutralizes Shiga toxin activities from <i>Shigella dysenteriae</i> type I and <i>Shigella flexneri</i> and Shiga-like toxin activities from <i>Escherichia coli</i>.</p> <p><i>Vibrio cholerae</i>, <i>Vibrio parahaemolyticus</i> and <i>Salmonella typhimurium</i>.</p> <p>Tested and found negative for ectromelia virus (mousepox).</p>
Growth Properties:	suspension
Isotype:	IgG1; kappa light chain
Subculturing:	Cultures can be maintained by addition or replacement of fresh medium. Start cultures at 2×10^5 cells/ml and maintain between 1×10^5 and 1×10^6 cells/ml.
Fluid Renewal:	Every 2 to 3 days
References:	RF11200; Strockbine NA et al. Characterization of monoclonal antibodies against shiga-like toxin from <i>Escherichia coli</i> . <i>Infect. Immun.</i> 50: 695-700, 1985 PubMed: 86058015
Propagation:	ATCC medium: Modified Dulbecco's medium, 90%; fetal bovine serum, 10% 90%; fetal bovine serum, 10%
BioSafety Level:	1

Shipped:	frozen
Price:	\$200
Revised :	Jan 07, 2000

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